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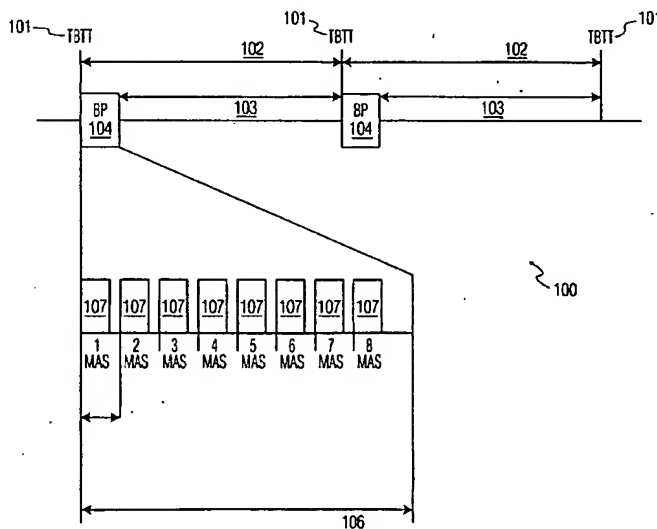
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(54) Title: BEACONING PROTOCOL FOR AD-HOC NETWORKS



(57) Abstract: A distributed MAC protocol is provided that includes a superframe (102) having a slotted Beaconsing Period (104) and a data transfer period (103). The provided superframe (102) comprises a plurality of medium access slots (107) and a plurality of medium access slots (107) is assigned to the slotted Beaconsing Period (104). The Beaconsing Period length (106) may be fixed or variable. The provided Beaconsing protocol defines initializing an ad hoc network by means of starting (101) a Beaconsing Period (104), joining an existing Beaconsing Period (104) of ad hoc network and resolving collisions during the Beaconsing Period.

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